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**Listing of Claims:**

1. (Currently Amended) An optical switch comprising:

optical-path switching elements for switching one optical path to another optical path ~~in order~~ to allow one light beam for optical communication emitted from one of at least one input optical fiber used for inputting beams ~~out of one or a plurality of input optical fibers~~, to be incident on one of at least one output optical fiber from which beams are outputted ~~out of one or a plurality of output optical fibers~~;

a photo-sensor;

light guiding means for guiding the beam ~~to be incident on the output optical fiber~~ to the photo-sensor; and

control means for controlling ~~the~~ an angle of each of the optical-path switching ~~element~~ elements based on ~~the basis of a~~ detection signal obtained through the photo-sensor.

2. (Currently Amended) The optical switch according to Claim 1, wherein each of the optical-path switching ~~element~~ elements includes a galvanometer mirror.

3. (Currently Amended) The optical switch according to Claim 1, wherein the light guiding means is ~~constructed so as~~

adapted to guide a light beam transmitted through at least one of  
the optical-path switching ~~element~~ elements to the photo-sensor.

4. (Currently Amended) The optical switch according to  
Claim 3, wherein the light guiding means is ~~constructed so as~~  
adapted to split ~~a~~ the light beam transmitted through at least  
one of the optical-path switching ~~element~~ elements using a beam  
5 splitter and then to guide ~~the~~ a beam split from the light beam  
to the photo-sensor.

5. (Currently Amended) The optical switch according to  
Claim 3, wherein the light guiding means includes the  
photo-sensor ~~comprising~~ , which comprises (i) a base having a  
hole through which ~~a light beam passes,~~ the light beam being  
5 transmitted through at least one of the optical-path switching  
~~element~~ elements ~~passes,~~ and (ii) at least two ~~or more~~ light  
receiving elements disposed around the hole ~~on~~ in the base.

6. (Currently Amended) The optical switch according to  
Claim 1, wherein the light guiding means is ~~constructed so as~~  
adapted to partially split a light beam transmitted through the  
output optical fiber and to allow the photo-sensor to receive ~~the~~  
a beam split from the light beam.

7. (Currently Amended) The optical switch according to Claim 6, wherein the light guiding means comprises:

an the output optical fiber for capturing a light beam transmitted through at least one of the optical-path switching ~~element~~ elements;

a photocoupler which is disposed on an output terminal of the output optical fiber and which splits the beam into a beam for the photo-sensor and a beam for communication; and

a sensor fiber for guiding the split beam ~~for a fiber used~~ for the photo-sensor to the photo-sensor, ~~and~~

wherein each optical-path switching element is ~~constructed so as~~ adapted to be oscillated ~~small~~ when a driving signal with a predetermined frequency is supplied thereto.

8. (Currently Amended) The optical switch according to Claim 7, wherein each of the optical-path switching ~~element~~ elements is ~~constructed so as~~ adapted to be oscillated ~~small~~ in two directions.

9. (Currently Amended) The optical switch according to Claim 8, wherein the driving signal comprises driving signals to be supplied to each of the optical-path switching ~~element~~ elements have different frequencies so that the optical-path

~~switching element is~~ elements are enabled to be oscillated ~~small~~  
in the two directions.

10. (Currently Amended) An optical switch comprising:

optical-path switching elements for switching at least one  
optical path to another optical path ~~in order~~ to allow one light  
beam for optical communication emitted from one of at least one  
5 input optical fiber used for inputting beams ~~out of one or a~~  
~~plurality of input optical fibers~~, to be incident on one of at  
least one output optical fiber from which beams are outputted ~~out~~  
~~of one or a plurality of output optical fibers~~;

a photo-sensor;

10 light guiding means for guiding the beam ~~to be incident on~~  
~~the output optical fiber~~ to the photo-sensor; and

control means for adjusting ~~the~~ an angle of each of the  
optical-path switching ~~element~~ elements based on ~~the basis of a~~  
detection signal obtained through the photo-sensor to adjust at  
15 least one of ~~the~~ a relative position and ~~the~~ an angle of the  
beam.